



Readiness Reporting Enabled by IUID



**Director Fleet Maintenance
USFF N43
April 06, 2010**

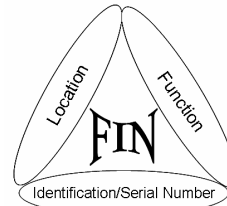
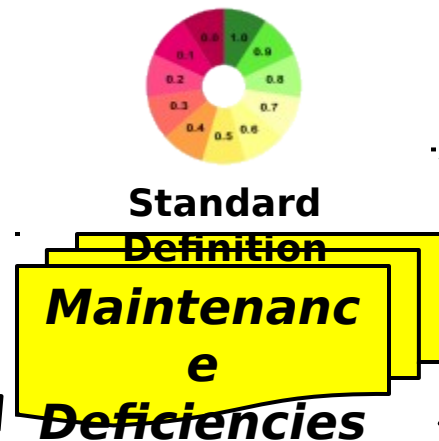


IUID is the Enabler

- How can we match a maintenance deficiency to corresponding change in readiness / mission capability***
- IUID Enables Specific Matching of Items to allow specific readiness and mission reporting***



Better Item Reporting



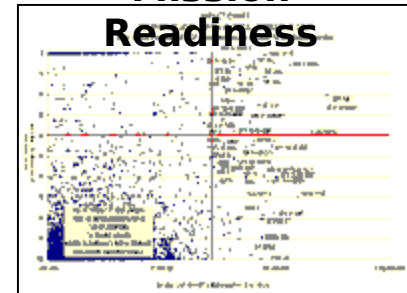
Better Equipment ID



Readiness Reporting



What to Fix for Mission Readiness



What Equipment Needs Help

IUID is the Foundation of Better Maintenance Reporting Both in Accuracy and Timeliness



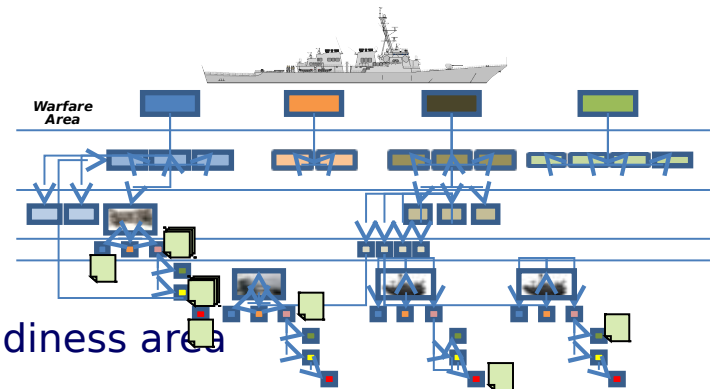
Readiness

- ***Readiness starts at the deck plate***

- Properly identifying maintenance issues
 - Right equipment
 - Right problem
- Properly classifying deficiencies
 - How broke is it

- ***Must have***

- Information system support
- Suitable models
 - Models correctly relate equipment to readiness area
- Correct algorithms
 - Algorithm certified to meet stringent standards

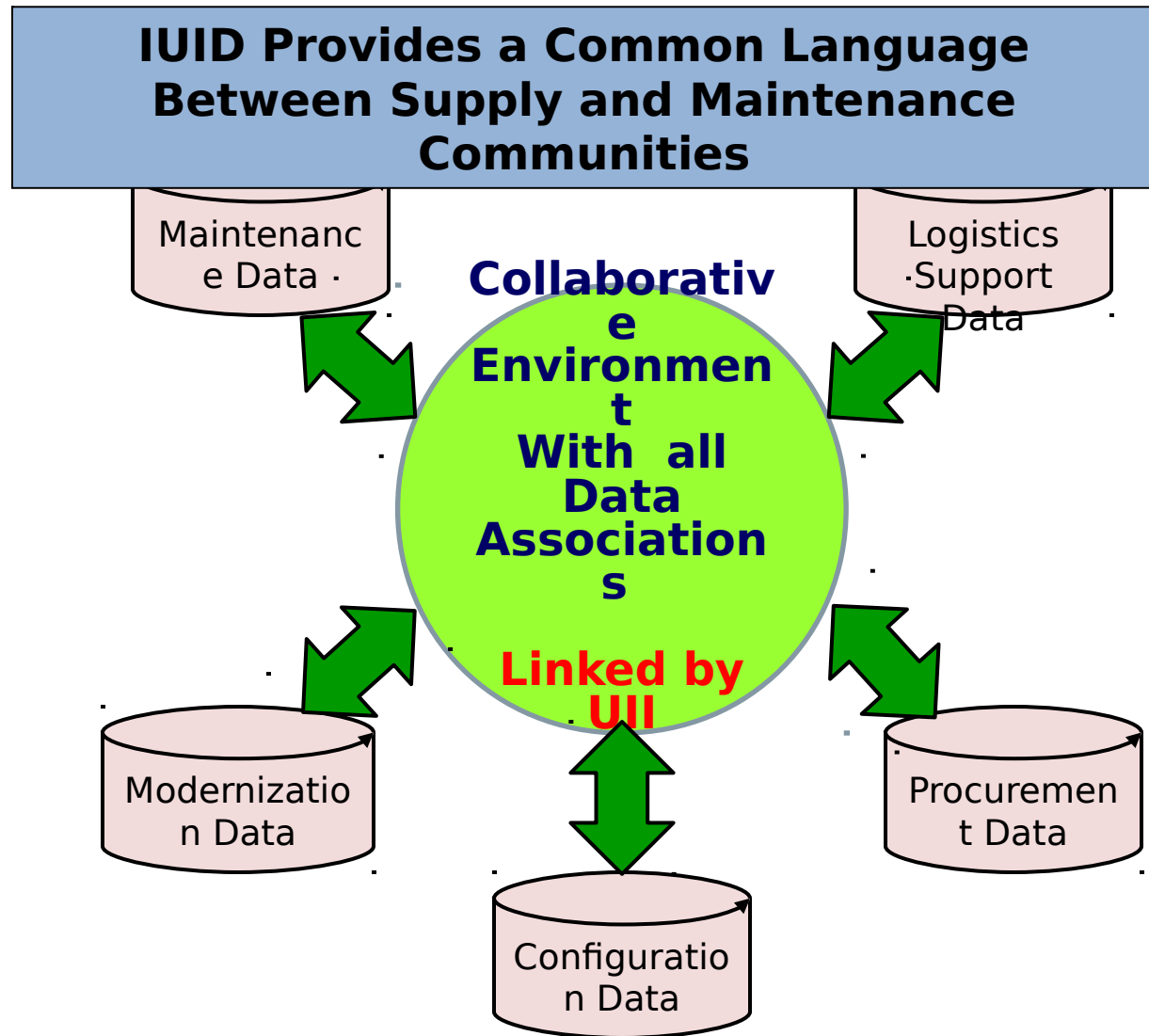




Database Collaboration

Unique Item Identifier (UII) Provides the Key to Linking All Logistic Elements Enabling

- Serialized Item Management
- Item Material History
- Ability to use Warranty Data Effectively
- Track Object Deficiencies when an Item Moves to Different Commands
- Readiness Reporting





IUID and Readiness

- ***Implementation of IUID with the Automated Work Notification (AWN) System provides:***
 - Improved data accuracy for
 - Decreased SF man/hours required to generate
 - AWN/OPNAV 4790.2K
 - Tagouts
 - Decreased numbers of mis-ordered parts
 - Increased ability to track turn in and rotatable pool items
 - Increased accuracy of shipboard equipment configuration documentation
 - Improved material readiness



Improved Readiness

- ***IUID links data***

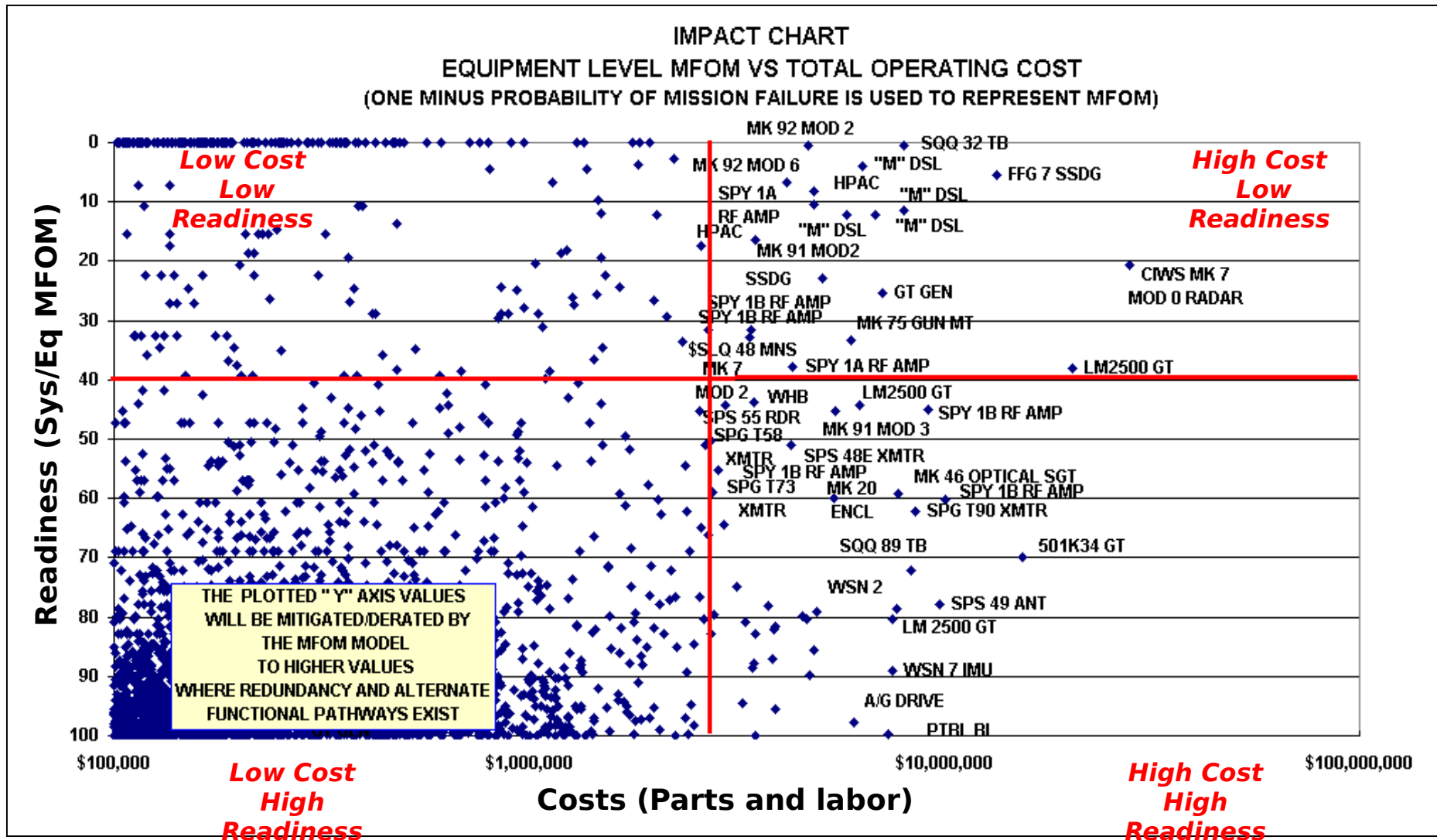
- Improves data quality
 - Reduces errors
- Improved parts ordering
- Improved asset management
- Reduces Total Ownership Costs
 - Reduced maintenance actions
 - Reduces lost maintenance parts in transit
 - Reduces onboard spare parts needed
 - Improves warehousing functions

- ***Analysis of poor performers can be graphically displayed***

- Aids in identifying poor performers
- Allows for executive management attention



IUID Facilitates Data Analysis





Questions?





FIN

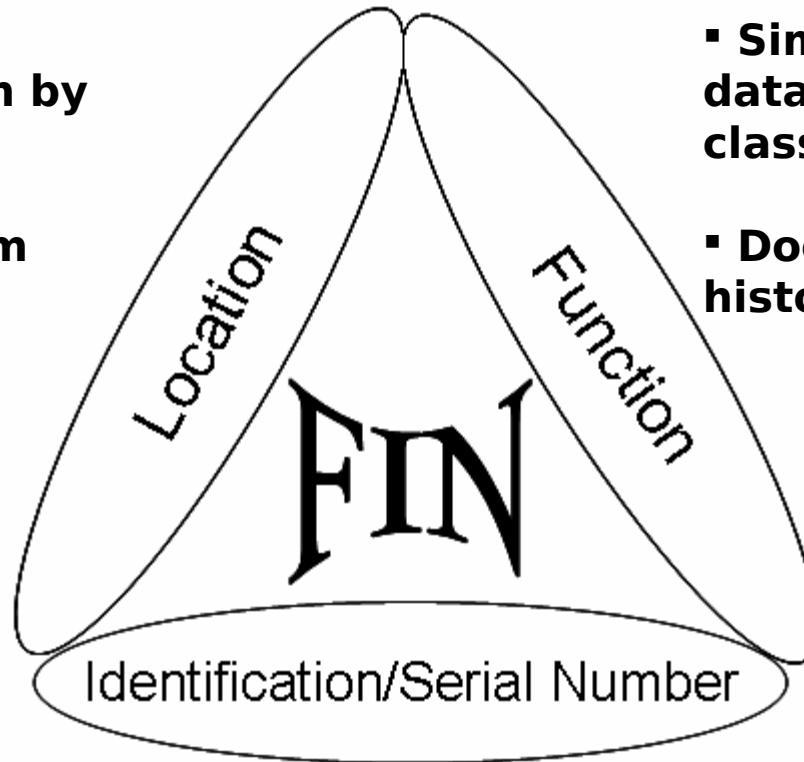
(Location)(Function)(ID)

Functional Index Number (FIN):

An alpha/numeric value assigned to all items in the model.

- **Uniquely identifies every shipboard item by function**
- **Identifies same item across ship classes**

- **Simplifies retrieving data across ship classes**
- **Documents material history**



Location:

Compartment Number, Compartment Name, or XYZ Coordinates

Function:

Defines the operational contribution, action, purpose or activity of an object.

Identification/Serial Number:

Applies an Item Unique Identifier to an object.

Can be composed of an IUID or Material

Identification Number.